THE COMMISSIONER OF PATENTS AND TRADEMARKS WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the Utility patent application of:

INVENTOR: AKIHIKO OKUMURA AND IZUMI WAKI

For:

MASS SPECTROMETER AND METHOD OF USE

Enclosed are:

- □ 7 sheets of □ formal □ informal drawings.
- ☑ Transmittal of Japanese application 2003-045345 to claim priority date of February 24, 2003.
- ☑ An Executed Declaration.
- ☑ An Information Disclosure Statement
- An assignment executed by inventors to Hitachi, Ltd.
- ☐ The filing fee is calculated as shown below:

For	Number Filed		Number Extra	RATE	CALCULATIONS
TOTAL CLAIMS	20	-20		x\$18 =	0.00
INDEPENDENT CLAIMS	2	-3		x\$86 =	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$290 =					
4-14-14-15			BASIC FEE		\$770.00
100			TOTAL OF ABOVE		770.00
REDUCTION BY ½ FOR FI		•	: 37 C.F.R. §§ 1.9, 1.27, 1.28	3).	
				TOTAL	770.00

- \boxtimes A check in the amount of \$810.00 to cover the filing fee and assignment fee is enclosed.
- \boxtimes The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to Deposit Account Number 08-1480.

Respectfully submitted,

Stanley P. Fisher

Registration Number 24,344

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REED SMITH LLP

3110 Fairview Park Drive **Suite 1400** Falls Church, Virginia 22042 (703) 641-4200 January 5, 2004